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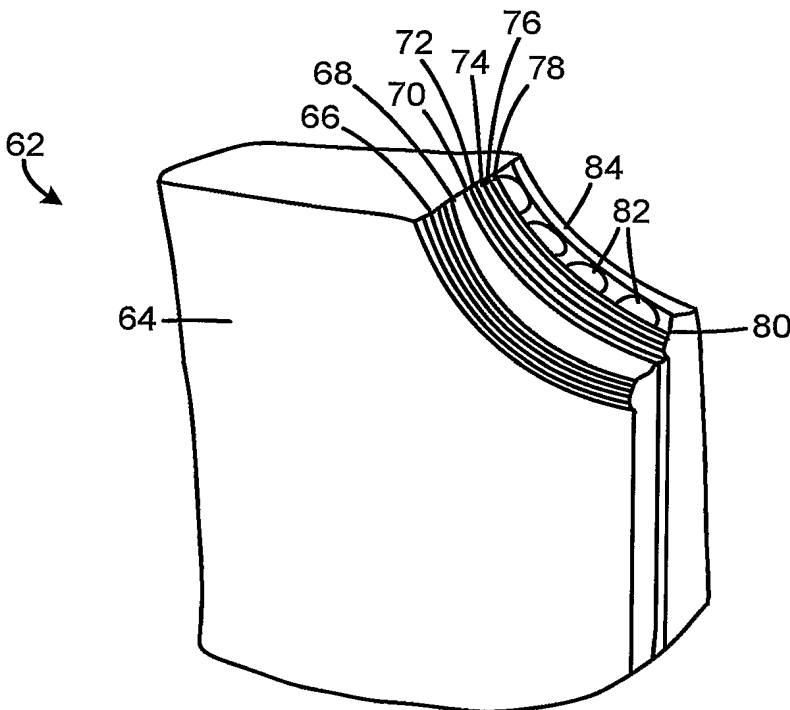
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(54) Title: METHOD OF USING A BULLET PROOF VEST



(57) Abstract: The method is for receiving a bullet in a bullet proof vest (10). A plate structure (62) is provided that has an airtight enclosure (64) enclosing high performance fiber layers (66), a hard layer (68), a textile layer (70) having openings defined therein and a semi-solid layer (72) such as bitumen. A bullet penetrates through the airtight enclosure (64). The pressure inside the airtight enclosure is increased. The increased pressure separates the layers (66) from the hard layer (68) and the textile layer (70) from the hard layer (68). The hard layer deforms the bullet. The textile layer attaches to the bullet to follow the bullet. The layer (72) sticks to the bullet as the bullet penetrates through the plate structure (62).